

FEDERAL ITEM IDENTIFICATION GUIDE
CODE UNIT ASSEMBLY, MECHANICAL
ITEM NAME CODE
68433



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This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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SECTION I

MRC Mode Code Requirements

NAME D ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the Item Name Code. (e.g., NAMED68433*)

CWJK* D CASE MATERIAL

Definition: THE CHEMICAL COMPOUND OR MECHANICAL MIXTURE PROPERTIES OF WHICH THE ITEM IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CWJKDALA000*; CWJKDALB000\$DSTA000*; CWJKDALA000\$DALB000*)

<u>REPLY CODE</u>	<u>REPLY (MA01)</u>
ALA000	ALUMINUM
ALB000	ALUMINUM ALLOY
BEB000	BERYLLIUM COPPER
CUB000	BRASS
CUB000	BRONZE
CDA000	CADMIUM
CUA000	COPPER
CUB000	COPPER ALLOY
GSA000	GLASS
FEA000	IRON
FEB000	IRON CAST
MGB000	MAGNESIUM ALLOY
MGA000	MSGNESIUM
PCA000	PLASTIC
PCB000	PLASTIC ACETAL
PCR000	PLASTIC POLYCARBONATE
PCAD00	PLASTIC POLYSTYRENE
RCE000	RUBBER
AGA000	SILVER
AGF000	SILVER ALLOY
STA000	STEEL
WDC000	WOOD
ZNB000	ZINC
ZNA000	ZINC ALLOY

MDCL * J

MATERIAL DOCUMENT AND CLAAAIFICATION

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MRC Mode Code Requirements

Definition: THE SPECIFICATION, STANDARD, OR MANUFACTURERS REFERENCE, AND THE CLASSIFICATION DESIGNATION, SUCH AS CLASS, CONDITION, TEMPER, AND THE LIKE, THAT IDENTIFIES THE MATERIAL.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, and the document designator and classification. (e.g., MDCLJBBQQ-A-200\$\$JBCQQ-S-634, COND CD\$JBCQQ-S-634, COND CF*)

<u>REPLY CODE</u>	<u>REPLY (AP33)</u>
G	ASSN STD
B	FED SPEC
C	FED STD
F	MFR REF
D	MIL SPEC
E	MIL STD
H	NATIONAL SPEC

<u>REPLY CODE</u>	<u>REPLY (AP18)</u>
G	ALL MATERIAL RESPONSES(use only when all material is controlled by the same document and classifications are identical)
A	Single material response
B	1ST MATERIAL RESPONSE
C	2ND MATERIAL RESPONSE
D	3RD MATERIAL RESPONSE
E	4TH MATERIAL RESPONSE
F	5TH MATERIAL RESPONSE

AKNA D INCLOSURE TYPE

Definition: INDICATES THE TYPE OF INCLOSURE PROVIDED TO COAT, COVER, PROTECT, OR ENCASE THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKNADAB*)

<u>REPLY CODE</u>	<u>REPLY (AG85)</u>
AC	ENCAPSULATED
AN	ENCASED
AD	HERMETICALLY SEALED
AP	PARTIA;;Y INCLOSED
AB	UNINCLOSED

MRC Mode Code Requirements

AXGY* D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1, (e.g., AXGYDBJX*; AXGYDASL\$SDAKF*; AXGYDAED\$DABR*)

NHCF* D NUCLEAR HARDNESS CRITICAL FEATURE

Definition: AN INDICATION OF THE NUCLEAR HARDNESS CRITICALLY OF THE ITEM.

Reply Instructions: Enter the Reply Code from the table. (e.g., NHCFCY *)

REPLY CODE
CY

REPLY (AS05)
HARDENED

CHQP J MAXIMUM OVERALL LENGTH

Definition: A MAXIMUM MEASUREMENT OF THE LONGEST DIMENSION OF AN ITEM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CHQPJA27.250*; CHQPJL36.0*)

REPLY CODE
A
L

REPLY (AA05)
INCHES
MILLIMETERS

CHQQ J MAXIMUM OVERALL WIDTH

Definition: THE MAXIMUM MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g. CHQQJA12.500*; CHQQJL16.0*)

REPLY CODE
A
L

REPLY (AA05)
INCHES
MILLIMETERS

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CHQR J MAXIMUM OVERALL HEIGHT

Definition: THE MAXIMUM DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CHQRJA10.500*; CHQRJL8.0*)

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

FEAT * G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. (e.g., FEATGQUALITY CONTROLLED*)

ZZZK * J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

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ZZZKJT81337-30642B\$\$JP80205-NAS1103*)

<u>REPLY CODE</u>	<u>REPLY (AN62)</u>
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

ZZZT * J NONDEFINITIVE SPEC/STD DATA

NOTE: If the specification/standard cited in reply to MRC ZZZK is nondefinitive, reply to MRC ZZZT. This reply is the data which is not recorded in Segment C.

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1\$\$JSTA*; ZZZTJTY1\$JSTA*)

ZZZY * G REFERENCE NUMBER DIFFERENTIATING
CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

CRTL * A CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

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MRC	Mode Code	Requirements
		<p>Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAACKJA*; CRTLAACKJA\$\$ACSGS*)</p> <p>Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.</p>
PRPY *	A	<p>PROPRIETARY CHARACTERISTICS</p> <p>NOTE: If Document Availability Code B, D, F, or H, reply to MRC PRPY.</p> <p>Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.</p> <p>Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAAKJA\$\$ACSGS*)</p>
ELRN *	G	<p>EXTRA LONG REFERENCE NUMBER</p> <p>Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.</p> <p>Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).</p> <p>If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).</p> <p>In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.</p>
AGAV *	G	<p>END ITEM IDENTIFICATION</p>

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MRC	Mode Code	Requirements
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Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

CXCY *	G	PART NAME ASSIGNED BY CONTROLLING AGENCY
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Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

CLQL *	G	COLLOQUIAL NAME
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Definition: A COMMON USAGE NAME BY WHICH AN ITEM IS KNOWN.

Reply Instructions: Enter the reply in clear text. (e.g., CLQLGWOVEN WIRE CLOTH*)

Reply Tables

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Table 1 - MOUNTING METHOD
MOUNTING METHOD

<u>REPLY CODE</u>	<u>REPLY (AM39)</u>
BMT	ADAPTER PLATE
ABB	BASE
BKD	BEAM VIBRATION
AFF	BEZEL RING
ABC	BRACKET
BJY	BULKHEAD
ANR	CABINET
AFH	CASTER
ABH	CLAMP
AFN	CONDUIT
BMW	CONSOLE
BKE	CUP VIBRATION
BJZ	DECK
ACR	FLANGE
ARY	FLUSH PANEL
AGG	HOOK
BKF	ISOLATOR VIBRATION
BHR	LATCH
AED	PANEL
ASL	PEDESTAL
AEE	PLATE
BJA	PLATFORM
ABP	PLUG-IN
BEA	PORTABLE
BMX	QUICK DISCONNECT FASTENERS
ABR	RACK
BKB	RESILIENT
ALG	SHELF
APH	SHOCK
BJX	SHOCK MOUNT BASE
AHZ	SLIDE
ABY	SLOT
BEB	STATIONARY (FIXED)
AAE	STUD
AEG	SURFACE
BKC	SWITCHBOARD
AKF	TRIPOD
APP	TUBE SOCKET
ARE	UNIVERSAL
ATS	WALL

Table 2 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

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FIIG Change List

FIIG Change List, Effective March 5, 2010

New FIIG.